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INVENTOR, OTTO, BOISSELE &amp; SCHAR

Attorney Docket No. SCHWF0177USA

PATENT (OUS)

### COMBINED DECLARATION AND POWER OF ATTORNEY (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: DETERMINING DISTRIBUTION FOR PLANNING AN INFUSION

the specification of which

☐ is attached hereto, or

☒ was filed as United States Application or PCT International Application (give Express Mail label number and deposit data if Application number not yet known):

Application No.: 10/661,827  
(Express Mail Label No.)

Filing Date: September 12, 2003  
(Deposit Date)

Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

#### PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

☐ no such applications have been filed.

☒ such applications have been filed as follows.

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			Yes	No
EP	02 020 476.6	September 12, 2002	X	
US	60/437,388	December 31, 2002	X	

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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RENNER, OTTO, BOISSELLE &amp; SKLAR

## POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: Schwabe Sandmair Marx, Stuntzstraße 16, D-81677 München, Germany

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

## Send Correspondence To

Don W. Bulson, Esq.  
Renner, Otto, Boisselle & Sklar, P.L.L.  
1621 Euclid Ave., 19th Floor  
Cleveland, Ohio 44115

## Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: Andreas Hartlep	
Inventor's signature: <i>Andreas Hartlep</i>	Date: 11-Feb-04
Residence: (City & State/Country): München, Germany	Citizenship: German
Post Office Address: Bismarckstraße 16 80803 München GERMANY	

Full Name of Additional Joint Inventor (If any): Christoph Pedain PEDAIN	
Inventor's signature: <i>Christoph Pedain</i>	Date: 11-Feb-04
Residence: (City & State/Country): München, Germany	Citizenship: German
Post Office Address: Metzstraße 20 81667 München GERMANY	

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

- ☒ Signature for additional joint inventors.  
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.  
☐ This declaration ends with this page.

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004PA SCHWABE SANDMAIER MARX MUNICH, LEGAL

NR. 1181 S. 4

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FROM : IGN

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Mar. 03 2004 09:56AM P2



SENNER, OTTO, DONNELLY &amp; SKIAR

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS

Full Name of Additional Joint Inventor (if any): Raghu Raghavan			
Inventor's signature:		Date:	Mar 3, 2004
Residence: (City & State/Country):	Baltimore, Maryland	Citizenship:	USA
Post Office Address:	4203 Somerset Place Baltimore, MD 21210 USA		

Full Name of Additional Joint Inventor (if any): Martin Brady			
Inventor's signature:		Date:	MARCH 3, 2004
Residence: (City & State/Country):	Baltimore, Maryland	Citizenship:	USA
Post Office Address:	Image Guided Neurologics (IGN) 14219 Robcaste Rd. 600 Wyndhurst Avenue Baltimore, MD 21210 USA Phoenix, MD 21131		

Full Name of Additional Joint Inventor (if any):			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

Full Name of Additional Joint Inventor (if any):			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

Full Name of Additional Joint Inventor (if any):			
Inventor's signature:		Date:	
Residence: (City & State/Country):		Citizenship:	
Post Office Address:			

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

Applicants: Andreas Hartlep et al.  
Serial No: 10/861,627  
Filed: September 12, 2003  
Title: DETERMINING DISTRIBUTION FOR PLANNING AN INFUSION

Art Unit:  
Examiner:

Attorney Docket No. SCHWP0177USA

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS AND EXCLUSION OF INVENTIVE ENTITY)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The assignee of the entire right, title and interest of the above identified patent application, by virtue of an assignment, ☒ copy attached ☐ recorded in the Patent and Trademark Office at Reel <REEL>, Frame <FRAME>, hereby revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected with the above referenced application and to the exclusion of the inventive entity or any prior assignees.

Don W. Bulson, Registration No. 28,192

Send correspondence and direct telephone calls to:

Don W. Bulson, Esq.  
RENNER, OTTO, BOISSELLE & SKLAR  
1621 Euclid Avenue, 19th Floor  
Cleveland, Ohio 44115

Tel: 216-621-1113  
Fax: 216-621-6166

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified below.

The undersigned further declares that he is empowered to act on behalf of the assignee, and that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

BrainLab AG

Date: \_\_\_\_\_

By:   
Name: \_\_\_\_\_  
Title: Rainer Birkenbach, Vice President

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Attorney Docket No. SCHWP0177USA

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)Andreas Hartlep  
Bismarckstraße 16  
80803 München  
GermanyChristoph Pedain  
Metzstraße 20  
81667 München  
GermanyRaghu Raghavan  
4201 Somerset Place  
Baltimore, MD 21210  
USAMartin Brady  
Image Guided Neurologics (IGN)  
600 Wyndhurst Avenue  
USA

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

## DETERMINING DISTRIBUTION FOR PLANNING AN INFUSION

for which application for Letters Patent of the United States has been:  
(authorization is hereby given for any attorney of record in the subject patent application to insert below the application number and filing date information for this application when that information becomes available)

PARTICULARS OF  
APPLICATION

- ☐ executed concurrently herewith,  
☒ filed under U.S. Application No. 10/661,827 on September 12, 2003,  
☐ filed under PCT Application No. \_\_\_\_\_ on \_\_\_\_\_, or  
☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

## WHEREAS:

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEEBrainLab AG  
Ammerthalstr. 8  
85551 Kirchheim/Heimstetten  
GERMANY

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to  
 and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar  
 (\$1.00) and other good and valuable consideration, receipt of which is hereby  
 acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its  
 successors and assigns, the entire right, title and interest to said invention so far as  
 concerns the United States and the Territories and Possessions thereof, including the  
 right to claim priority, and said application and all Letters Patent of the United States to be  
 obtained on said application or any continuation, division, renewal, substitute or reissue  
 thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has  
 been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly  
 with all pertinent facts and documents relating to said application, said invention and said  
 Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the

5. MÄR. 2004 9:46

004PA SCHWABE SANDMAIER MARX MUNICH, LEGAL

NR. 1181 S. 6

S. 06/87

FROM : -IGN

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Mar. 03 2004 09:56AM P3

same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF  
INVENTOR(S)

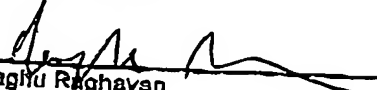
Date \_\_\_\_\_

Andreas Hartlep

Date \_\_\_\_\_

Christoph Pedain

Date Mar 3, 2004

  
Raghu Raghavan

Date MARCH 3, 2004

  
Martin Brady

ZASEC162182DWBISCHWIPD0177P0177USA,ASSN2,WP0 (A-018-444) (1/25)

Attorney Docket No. SCHWP0177USA

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Andreas Hartlep  
Bismarckstraße 16  
80803 München  
Germany

Christoph Pedain  
Metzstraße 20  
81667 München  
Germany

Raghu Raghavan  
4201 Somerset Place  
Baltimore, MD 21210  
USA

Martin Brady  
Image Guided Neurologics (IGN)  
600 Wyndhurst Avenue  
USA

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

## DETERMINING DISTRIBUTION FOR PLANNING AN INFUSION

for which application for Letters Patent of the United States has been:  
[authorization is hereby given for any attorney of record in the subject patent application to insert below the application  
number and filing date information for this application when that information becomes available]

PARTICULARS OF  
APPLICATION

- ☐ executed concurrently herewith.  
☒ filed under U.S. Application No. 10/661,827 on September 12, 2003,  
☐ filed under PCT Application No. \_\_\_\_\_ on \_\_\_\_\_, or  
☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

## WHEREAS:

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

BrainLab AG  
Ammerthalstr. 8  
85551 Kirchheim/Heimstetten  
GERMANY

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to  
and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar  
(\$1.00) and other good and valuable consideration, receipt of which is hereby  
acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its  
successors and assigns, the entire right, title and interest to said invention so far as  
concerns the United States and the Territories and Possessions thereof, including the  
right to claim priority, and said application and all Letters Patent of the United States to be  
obtained on said application or any continuation, division, renewal, substitute or reissue  
thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has  
been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly  
with all pertinent facts and documents relating to said application, said invention and said  
Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the



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same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF  
INVENTOR(S)

Date 11-Feb-2004

Andreas Hartlep  
Andreas Hartlep

Date 11-Feb-2004

Christoph Pedain  
Christoph Pedain

Date \_\_\_\_\_

Raghu Raghavan  
Raghu Raghavan

Date \_\_\_\_\_

Martin Brady  
Martin Brady

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